

Form PTO-1449  
(REV. 8-83)

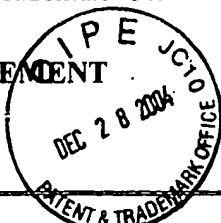
U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket:  
0492611-0507  
(MIT 10396)

In re Application No.  
10/674,159 087

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)



Applicant: .Chen, et al.

Filing Date:  
September 29, 2003

Group:

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass

U.S. PATENT APPLICATIONS

Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:
JPA	2002/0127620	Witman et al.	September 12, 2002		
I	2002/0061861	Herweijer et al.	May 23, 2002		
	2002/0081736	Conroy et al.	June 27, 2002		

FOREIGN PATENT DOCUMENTS

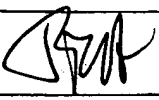

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
JPA	WO 01/75164	PCT-WIPO	11 October 2001		



OTHER DOCUMENTS


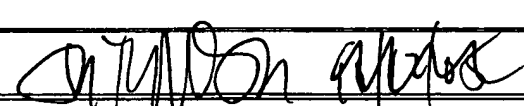
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
JPA	Ahn, et al., "Biodegradable Poly(Ethylenimine) for Plasmid DNA Delivery", <i>J. Control. Release</i> , <b>80</b> : 273-282, 2002.
	Allinquant, et al., "Downregulation of Amyloid Precursor Protein Inhibits Neurite Outgrowth in Vitro", <i>J. Cell. Biol.</i> <b>128</b> : 919-927, 1995.
	Amarzguioui, et al., "Tolerance for Mutations and Chemical Modifications in a siRNA", <i>Nuc. Acids. Res.</i> <b>31</b> (2): 589-595, 2003.
	Anderson, et al., "Semi-Automated Synthesis and Screening of a Large Library of Degradable Cationic Polymers for Gene Delivery", <i>Angew Chem. Int. Ed. Engl.</i> <b>42</b> : 3153-3158, 2003.
	Astafieva, et al., "Enhancement of the Polycation-Mediated DNA Uptake and Cell Transfection with Pluronic P85 Block Copolymer", <i>FESB Letter</i> , <b>389</b> : 278-280, 1996.
	Avery, et al., "Surface Properties in Relation to Atelectasis and Hyaline Membrane Disease", <i>Am. J. Dis. Child.</i> , <b>97</b> : 517-523, 1959.
	Baker, et al., Novel Mechanisms for Antisense-Mediated Regulation of Gene Expression", <i>Biochimica et Biophysica Acta</i> , <b>1489</b> : 3-18, 1999.
	Baughman, et al., "Tissue Distribution and Abundance of Human FKBP51, and FK506-Binding Protein That Can Mediate Calcineurin Inhibition", <i>Biochemical and Biophysical Research Communications</i> , <b>232</b> : 437-443, 1997.
	Baulcombe, D., "RNA Silencing", <i>Curr. Biol.</i> <b>12</b> : R82-R84, 2002.

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 0492611-0507 (MIT 10396)	In re Application No. 10/674,459 687
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		Applicant: .Chen, et al.	
		Filing Date: September 29, 2003	Group:
✓ PNA	Beaton, et al., "Transcription Antitermination During Influenza Viral Template RNA Synthesis Requires the Nucleocapsid Protein and the Absence of a 5' Capped End", <i>Proc. Natl Acad. Sci. USA</i> , <b>83</b> : 6282-6286, 1986.		
	Benns, et al., "Optimization of Factors Influencing the Transfection Efficiency of Folate-PEG-Folate-Graft Polyethyleneimine", <i>J. Cont. Release</i> , <b>79</b> : 255-269, 2002.		
	Benns, et al., "pH-Sensitive Cationic Polymer Gene Delivery Vehicle: N-Ac-Poly(L-Histidine)-Graft-Poly(L-Lysine) Comb Shaped Polymer, <i>Bioconj. Chem.</i> <b>11</b> : 637-645, 2000.		
	Bernstein, et al., "Role for a Bidentate Ribonuclease in the Initiation Step of RNA Interference", <i>Nature</i> , <b>409</b> : 363-366, 2001.		
	Berry, D., "Neonatology in the 1990's: Surfactant Replacement Therapy Becomes a Reality", <i>Clin. Pediatr.</i> <b>30</b> (3): 167-170, 1991.		
	Bitko, et al., "Phenotype Silencing of Cytoplasmic Genes Using Sequence-Specific Double-Stranded Short Interfering RNA and its Application in the Reverse Genetic of Wild Type Negative-Strand RNA Viruses", <i>BMC Microbiol.</i> <b>1</b> : 34-43, 2001.		
	Bloom, et al., "Comparison of Infasurf (Calf Lung Surfactant Extract) to Survanta (Beractant) in the Treatment and Prevention of Respiratory Distress Syndrome", <i>Pediatrics</i> , <b>100</b> : 31-38, 1997.		
	Boehnke, et al., "A Look at Linkage Disequilibrium", <i>Nature Genetics</i> , <b>25</b> : 246-247, 2000.		
	Boussif, et al., "A Versatile Vector for Gene and Oligonucleotide Transfer into Cells in Culture and in Vivo: Polyethylenimine", <i>Proc. Natl. Acad. Sci. USA</i> , <b>92</b> : 7297-7301, 1995.		
	Boute, et al., "The Use of Resonance Energy Transfer in High-Throughput Screening: BRET Versus FRET", <i>Trends in Pharmacological Sciences</i> , <b>23</b> (8): 351-354, 2002.		
	Braasch, et al., "RNA Interference in Mammalian Cells by Chemically Modified RNA", <i>Biochemistry</i> , <b>42</b> : 7967-7975, 2003.		
	Brantl, S., "Antisense-RNA Regulation and RNA Interference", <i>Biochem. Biophys. Acta</i> , <b>1575</b> : 15-25, 2002.		
	Brissault, et al., "Synthesis of Linear Polyethylenimine Derivatives for DNA Transfection" <i>Bioconj. Chem.</i> , <b>14</b> (3): 581-587, 2003.		
	Brummelkamp, et al., "A System for Stable Expression of Short Interfering RNAs in Mammalian Cells", <i>Science</i> , <b>296</b> : 550-553, 2002.		
	Brzustowicz, et al., "Location of a Major Susceptibility Locus for Familial Schizophrenia on Chromosome 1q21-q22", <i>Science</i> , <b>288</b> : 678-682, 2000.		
	Camp, et al., "Genomewide Multipoint Linkage Analysis of Seven Extended Palauan Pedigrees with Schizophrenia, by a Markov-Chain Monte Carlo Method", <i>Am. J. Hum. Genet.</i> <b>69</b> : 1278-1289, 2001.		
	Caplen, et al., "dsRNA-Mediated Gene Silencing in Cultured Drosophila Cells: A Tissue Culture Model for the Analysis of RAN Interference", <i>Gene</i> , <b>252</b> : 95-105, 2000.		
	Castle, S.C., "Clinical Relevants of Age-Related Immune Dysfunction". <i>Clin. Infect. Dis.</i> <b>31</b> :		

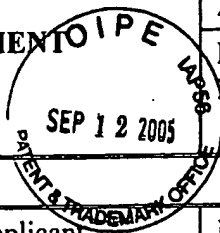
Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507 (MIT 10396)		In re Application No. 10/674,159 087	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: .Chen, et al.			
				Filing Date: September 29, 2003		Group:	
		578-585, 2000.					
JRA		Chi, et al., "Genomewide View of Gene Silencing by Small Interfering RNAs", <i>Proc. Natl. Acad. Sci. USA</i> , 100: 6343-6346, 2003.					
		Chiu, et al., "siRNA Function in RNAi: A Chemical Modification Analysis", <i>RNA</i> , 9(9): 1034-1048, 2003.					
		Claas, et al., "Human Influenza A H5N1 Virus Related to a Highly Pathogenic Avian Influenza Virus", <i>Lancet</i> , 351: 472-477, 1998.					
		Clayton, D., "A Generalization of the Transmission/Disequilibrium Test for Uncertain-Haplotype Transmission", <i>Am. J. Hum. Genet.</i> 65: 1170-1177, 1999.					
		Cox, et al., "Influenza", <i>Lancet</i> , 354: 1277-1282, 1999.					
		Craddock, et al., "Chromosome Workshop: Chromosomes 11, 14, and 15", <i>American Journal of Medical Genetics (Neuropsychiatric Genetics)</i> , 88: 244-254, 1999.					
		Crowe, et al., "Report of the Chromosome 5 Workshop of the Sixth World Congress on Psychiatric Genetics", <i>American Journal of Medical Genetics (Neuropsychiatric Genetics)</i> , 88: 229-232, 1999.					
		Czaderna, et al., "Structural Variations and Stabilising Modifications of Synthetic siRNAs in Mammalian Cells", <i>Nucleic Acids Research</i> , 31(11): 2705-2716, 2003.					
		Densmore, et al., "Aerosol Delivery of Robust Polyethyleneimine-DNA Complexes for Gene Therapy and Genetic Immunization", <i>Mol. Therapy</i> , 1: 180-188, 1999.					
		Derossi, et al., "Trojan-Peptides: The Penetratin System for Intracellular Delivery" <i>Trends Cell Biol.</i> 8: 84-87, 1998.					
		Diaz, et al., "Homozygous Deletion of the $\alpha$ - and $\beta_1$ -Interferon Genes in Human Leukemia and Derived Cell Lines", <i>Proc. Natl. Acad. Sci. USA</i> , 85: 5259-5263, 1988.					
		Diaz, et al., "Structure of the Human Type-1 Interferon Gene Cluster Determined from a YAC Clone Contig", <i>Genomics</i> , 22: 540-552, 1994.					
		Edwards, et al., "Large Porous Particles for Pulmonary Drug Delivery", <i>Science</i> , 276: 1868-1871, 1997.					
		Elbashir, et al., "Duplexes of 21-Nucleotide RNAs Mediate RNA Interference in Cultured Mammalian Cells", <i>Nature</i> , 411: 494-498, 2001.					
		Elbashir, et al., "Functional Anatomy of siRNAs for Mediating Efficient RNAi in Drosophila Melanogaster Embryo Lysate", <i>EMBO J</i> , 20: 6877-6888, 2001.					
		Fawell, et al., "Tat-Mediated Delivery of Heterologous Proteins into Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 91: 664-668, 1994.					
		Fire, et al., "Potent and Specific Genetic Interference by Double-Stranded RNA in Caenorhabditis Elegans", <i>Nature</i> , 391: 806-811, 1998.					
9		Futaki, et al., "Arginine-Rich Peptides. An Abundant Source of Membrane-Permeable Peptides Having Potential as Carriers for Intracellular Protein Delivery", <i>J. Biol. Chem.</i> 276:					

Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507 (MIT 10396)	In re Application No. 10/674,159 087
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: .Chen, et al.	
				Filing Date: September 29, 2003	Group:
	5836-5840, 2001.				
	Gautam, et al., "Transgene Expression in Mouse Airway Epithelium by Aerosol Gene Therapy with PEI-DNA Complexes", <i>Mol. Therapy</i> , 3: 551-556, 2001.				
1	Ge, et al., "RNA Interference of Influenza Virus Production by Directly Targeting mRNA for Degradation and Indirectly Inhibiting all Viral RNA Transcription", <i>Proc. Natl Acad. Sci. USA</i> , 100: 2718-2723, 2003.				
	Gil, et al., "Induction of Apoptosis by the dsRNA-Dependent Protein Kinase (PKR): Mechanism of Action", <i>Apoptosis</i> , 5: 107-114, 2000.				
	Gitlin, et al., "Short Interfering RNA Confers Intracellular Antiviral Immunity in Human Cells", <i>Nature</i> , 418: 430-434, 2002.				
	Gratton, et al., "Cell-Permeable Peptides Improve Cellular Uptake and Therapeutic Gene Delivery of Replication-Deficient Viruses and In Vivo", <i>Nat. Med.</i> , 9(3): 357-362, 2003.				
	Green, et al., "Autonomous Functional Domains of Chemically Synthesized Human Immunodeficiency Virus Tat Trans-Activator Protein", <i>Cell</i> , 55: 1179-1188, 1988.				
	Griesenbach, et al., "Comparison Between Intratracheal and Intravenous Administration of Liposome-DNA Complexes for Cystic Fibrosis Lung Gene Therapy", <i>Gene Ther.</i> 5: 181-188, 1998.				
	Hall, et al., "Importance of Hydrophobic Apoproteins as Constituents of Clinical Exogenous Surfactants" <i>Am. Rev Respir Dis.</i> 145: 24-30, 1992.				
	Hallman, et al., "Natural Surfactant Substitution in Respiratory Distress Syndrome", <i>J. Perinat Med.</i> 15: 463-468, 1987.				
	Han, et al., "Development of Biomaterials for Gene Therapy", <i>Mol. Therapy</i> , 2: 302-317, 2000.				
	Hansen, et al., "Re-examination and Further Development of a Precise and Rapid Dye Method for Measuring Cell Growth/Cell Kill", <i>J. Immunol. Methods</i> , 119: 203-210, 1989.				
	Holen, et al., "Positional Effects of Short Interfering RNAs Targeting the Human Coagulation Trigger Tissue Factor", <i>Nucleic Acids Res.</i> 30: 1757-1766, 2002.				
	Jeong, et al., "Poly(L-Lysine)-g-Poly(D,L-Lactic-Co-Glycolic Acid) Micelles for Low Cytotoxic Biodegradable Gene Delivery Carriers", <i>J. Control Release</i> , 82(1): 159-166, 2002.				
	Jobe, A, "Surfactant Treatment for Respiratory Distress Syndrome", <i>Respir Care</i> , 31(6): 467-476, 1986.				
	Joliot, et al., "Antennapedia Homeobox Peptide Regulates Neural Morphogenesis", <i>Proc. Natl. Acad. Sci. USA</i> , 88: 1864-1868, 1991.				
	Kichler, et al., "Polyethylenimine-Mediated Gene Delivery: A Mechanistic Study", <i>J. Gene Med.</i> 3(2): 135-144, 2001.				
	Kichler, et al., "Histidine-Rich Amphipathic Peptide Antibiotics Promote Efficient Delivery of DNA into Mammalian Cells" <i>Proc Natl Acad Sci USA</i> , 100(4): 1564-1568, 2003.				

<b>Form PTO-1449</b> <b>(REV. 8-83)</b>	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket:</b> 0492611-0507 (MIT 10396)	<b>In re Application No.</b> 10/674,159 087
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>Applicant:</b> .Chen, et al.	
		<b>Filing Date:</b> September 29, 2003	<b>Group:</b>
	Lavik, et al., "A Simple Synthetic Route to the Formation of a Block Copolymer of Poly(lactic-co-glycolic acid) and Polylysine for the Fabrication of Functionalized, Degradable Structures for Biomedical Applications", <i>J. Biomed Mater Res (Appl Biomater)</i> , <b>58</b> : 291-294, 2001.		
	Lee, et al., "Expression of Small Interfering RNAs Targeted Against HIV-1 Rev Transcripts in Human Cells", <i>Nature Biotechnology</i> , <b>19</b> : 500-505, 2002.		
	Lewis, et al., "Efficient Delivery of siRNA for Inhibition of Gene Expression in Postnatal Mice", <i>Nat. Genet.</i> <b>32</b> : 107-108, 2002.		
	Lois, et al., "Germline Transmission and Tissue-Specific Expression of Transgenes Delivered by Lentiviral Vector" <i>Science</i> , <b>295</b> : 868-872, 2002.		
	McCaffrey, et al., "RNA Inteferece in Adult Mice", <i>Nature</i> , <b>418</b> : 38-39, 2002.		
	McCaffrey, et al., "Inhibition of Hepatitis B Virus in Mice by RNA Interference", <i>Nat. Biotechnol.</i> <b>21</b> : 639-644, 2003.		
	McKenzie, et al., "A Potent New Class of Reductively Activated Peptide Gene Delivery Agents", <i>J. Biol. Chem.</i> , <b>275</b> (14): 9970-9977, 2000.		
	Miyagishi, et al., "U6 Promoter-Driven siRNAs with Four Uridine 3' Overhangs Efficiently Suppress Targeted Gene Expression in Mammalian Cells", <i>Nature Biotechnology</i> , <b>19</b> : 497-500, 2002.		
	Paddison, et al., "Short Hairpin RNAs (shRNAs) Induce Sequence-Specific Silencing in Mammalian Cells", <i>Genes Dev.</i> <b>16</b> : 948-958, 2002.		
	Panyam, et al., "Rapid Endolysosomal Escape Poly(DL-Lactide-Co-Glycolide) Nanoparticles: Implications for Drug and Gene Delivery", <i>FASEB J.</i> , <b>16</b> : 1217-1226, 2002.		
	Park, et al., "Synthesis of Sulfhydryl Cross-Linking Poly(Ethylene Glycol Peptides and Glycopeptides as Carriers for Gene Delivery", <i>Bioconjugate Chem.</i> , <b>13</b> : 232-239, 2000.		
	Paul, et al., "Effective Expression of Small Interfering RNA in Human Cells", <i>Nature Biotechnology</i> , <b>29</b> : 505-508, 2002.		
	Putnam, et al., "Polymer-Based Gene Delivery with Low Cytotoxicity by a Unique Balance of Side-Chain Termini", <i>Proc. Natl. Acad. Sci. USA</i> , <b>98</b> : 1200-1205, 2001.		
	Putnam, et al., "Polyhistidine-PEG: DNA Nanocomposites for Gene Delivery", <i>Biomaterials</i> , <b>24</b> : 4425-4433, 2003.		
	Robinson, et al., "A Lentivirus-Based System to Functionally Silence Genes in Primary Mammalian Cells, Stem Cells and Transgenic Mice by RNA Inteferece", <i>Nat. Genet.</i> , <b>33</b> : 401-406, 2003.		
	Semizarov, et al., "Specificity of Short Interfering RNA Determined Through Gene Expression Signatures", <i>Proc. Natl. Acad. Sci. USA</i> , <b>100</b> : 6347-6352, 2003.		
	Sharp, P.A., "RNA Interference", <i>Genes Dev.</i> <b>15</b> : 485-490, 2001.		

Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507 (MIT 10396)		In re Application No. 10/674,159 087	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Applicant: .Chen, et al.			
				Filing Date: September 29, 2003		Group:	
		Shen, et al., "Gene Expression and Mucosal Immune Responses After Vaginal DNA Immunization in Mice Using a Controlled Delivery Matrix", <i>Journal of Controlled Release</i> , 86: 339-348, 2003.					
		Simeoni, et al., "Insight into the Mechanism of the Peptide-Based Gene Delivery System MPG: Implication for Delivery of siRNA into Mammalian Cells", <i>Nucleic Acids Res.</i> 31: 2717-2724, 2003.					
		Sobin, et al., "Early Non-Psychotic Deviant Behavior in Schizophrenia: a Possible Endophenotypic Marker for Genetic Studies", <i>Psychiatry Research</i> , 101: 101-113, 2001.					
		Thomas, et al., "A Non-Viral Gene Therapy: Polycation-Mediated DNA Delivery", <i>Appl. Microbiol. Biotechnol.</i> 62: 27-34, 2003.					
		Tiyaboonchai, et al., "Formulation and Characterization of DNA-Polyethylenimine-Dextran Sulfate Nanoparticles", <i>Eur. J. Pharm. Sci.</i> 19: 191-202, 2003.					
		Tuschl, Thomas, "Expanding Small RNA Interference", <i>Nature Biotechnology</i> , 20: 446-448, 2002.					
		Weiss, et al., "Delivery of Gene Transfer Vectors to the Lung: Obstacles and the Role of Adjunct Techniques for Airway Administration", <i>Mol. Ther.</i> 6: 43-49, 2002.					
		Weiss, et al., "Delivery of Gene Transfer Vectors to Lung: Obstacles and the Role of Adjunct Techniques for Airway Administration", <i>Molecular Therapy</i> , 6(2): 148-152, 2002.					
		Xia, et al., "siRNA-Mediated Gene Silencing in Vitro and in Vivo", <i>Nat. Biotechnol.</i> 20: 1006-1010, 2002.					
		Yang, et al., "Evidence that Processed Small dsRNAs May Mediate Sequence-Specific mRNA Degradation During RNAi in Drosophila Embryos", <i>Curr. Biol.</i> 10: 1191-1200, 2000.					
		Yang, et al., "Hydrodynamic Injection of Viral DNA: A Mouse Model of Acute Hepatitis B Virus Infection", <i>Proc. Natl. Acad. Sci.</i> , 99(21): 13825-13830, 2000.					
		Yuen, et al., "Clinical Features and Rapid Viral Diagnosis of Human Disease Associated with Avian Influenza A H5N1 Virus", <i>Lancet</i> , 351: 467-471, 1998.					
		Zhang, et al., "Long-Term Expression of Human Alpha1-Antitrypsin Gene in Mouse Liver Achieved by Intravenous Administration of Plasmid DNA Using a Hydrodynamics-Based Procedure", <i>Gene Ther.</i> 7: 1344-1349, 2000.					
		Zhang, et al., "The In Vivo Use of Chloroquine to Promote Non-Viral Gene Delivery to the Liver via the Portal Vein and Bile Duct", <i>J. Gene Med.</i> , 5: 209-218, 2003.					
				International Search Report issued for corresponding PCT application PCT/US03/30508.			
EXAMINER						DATE CONSIDERED 10/12/05	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507		In re Application No. 10/674,087	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				Applicant: Chen, et al.			
				Filing Date: September 29, 2003		Group: 1644	



U.S. PATENT DOCUMENTS					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
JPA	5,580,767	Cowsert, et al.	Dec. 3, 1996.	435	172.3
	5,637,573	Agrawal, et al.	Jun. 10, 1997	514	44
	6,107,094	Crooke, et al.	Aug. 22, 2000	435	455
	6,117,657	Usman, et al.	Sep. 12, 2000	435	91.31
	6,495,675	Takaku, et al.	Dec. 17, 2002	536	24.5
	6,506,559	Fire, et al.	Jan. 14, 2003	435	6
	6,544,958	Wong, et al.	Apr. 8, 2003	514	44
	6,573,099	Graham, et al.	Jun. 3, 2003	435	455
U.S. PATENT APPLICATIONS					
Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
JPA	2002/0086356	Tuschl, et al.	Jul. 4, 2002	435	69.1
	2002/0132346	Cibelli, et al.	Sep. 19, 2002	435	455
	2002/0132788	Lewis, et al.	Sep. 19, 2002	514	44
	2002/0162126	Beach, et al.	Oct. 31, 2002	800	8
	2002/0173478	Gewirtz, et al.	Nov. 21, 2002	514	44
	2003/0027783	Zernicka-Goetz, et al.	Feb. 6, 2003	514	44
	2003/0049835	Helliwell, et al.	Mar. 13, 2003	435	320.1
	2003/0051263	Fire, et al.	Mar. 13, 2003	800	13
	2003/0055020	Fire, et al.	Mar. 20, 2003	514	44
	2003/0056235	Fire, et al.	Mar. 20, 2003	800	8
	2003/0068821	Lois-Caballe, et al.	Apr. 10, 2003	435	456
	2003/0074684	Graham, et al.	Apr. 17, 2003	800	278
	2003/0092180	Lewis, et al.	May 15, 2003	435	455
	2003/0104401	Lin, et al.	Jun. 5, 2003	435	6
	2003/0108923	Tuschl, et al.	Jun. 12, 2003	435	6
	2003/0124513	McSwiggen, et	Jul. 3, 2003	435	5

<b>Form PTO-1449</b> <b>(REV. 8-83)</b> <b>SUPPLEMENTAL</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507	In re Application No. 10/674,087	
	Applicant: Chen, et al.				
	Filing Date: September 29, 2003		Group: 1644		

		<del>al.</del>			
<i>JPA</i>	2003/0125239	Crisanti, et al.	Jul. 3, 2003	514	7
<i> </i>	2003/0125281	Lewis, et al.	Jul. 3, 2003	514	44
<i> </i>	2003/0139363	Kay, et al.	Jul. 24, 2003	514	44
<i> </i>	2003/0143587	Dean, et al.	Jul. 31, 2003	435	6
<i> </i>	2003/0144232	Agami, et al.	Jul. 31, 2003	514	44
<i> </i>	2003/0148519	Engelke, et al.	Aug. 7, 2003	435	455
<i> </i>	2003/0150017	Mesa, et al.	Aug. 7, 2003	800	279
<i> </i>	2003/0175965	Lowe, et al.	Sep. 18, 2003	435	455
<i> </i>	2004/0167087	Aigner, et al.	Aug. 26, 2004	514	44
<i> </i>	2005/0074757	Kreutzer, et al.	Apr. 7, 2005	435	6
<i> </i>	2005/0100907	Kreutzer, et al.	May. 12, 2005	435	6



#### FOREIGN PATENT DOCUMENTS

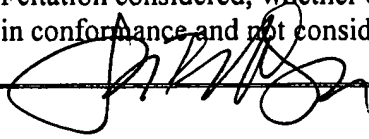
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	EP 1144623	Europe	28, 8, 2002		
<i>JPA</i>	WO 00/63364	International	28, 10, 2000		
<i> </i>	WO 03/070918	International	28, 8, 2003		
<i> </i>	WO 03/074654	International	12, 9, 2003		

#### OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
<i>JPA</i>	Abe, et al., "Antisense Therapy Of Influenza" European Journal Of Pharmaceutical Sciences" 13: 61-69, 2001.
	Bitko, et al., "Phenotypic Silencing Of Cytoplasmic Genes Using Sequence-Specific Double-Stranded Short Interfering RNA And Its Application In The Reverse Genetics Of Wild Type Negative-Strand RNA Viruses" <i>BMC Microbiol</i> 1: 34, 2001.
<i>JPA</i>	de Semir, et al., "Non-Viral Vector-Mediated Uptake, Distribution, And Stability Of Chimeraplasts In Human Airway Epithelial Cells." <i>The Journal Of Gene Medicine</i> 4: 308-322, 2002.
<i> </i>	Gautam, et al., "Enhanced Gene Expression In Mouse Lung After PEL-DNA Aerosol Delivery" <i>Molecular Therapy</i> 2(1): 2000.
<i> </i>	Gitlin, et al., "Short Interfering RNA Confers Intracellular Antiviral Immunity In Human



<b>Form PTO-1449</b> <b>(REV. 8-83)</b> <b>SUPPLEMENTAL</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0507	In re Application No. 10/674,087
		Applicant: Chen, et al.		Filing Date: September 29, 2003	
		Group: 1644			
		Cells" <i>Nature</i> <b>418</b> : 430-434, 2002.			
		Hatta, et al., "Inhibition Of Influenza Virus RNA Polymerase And Nucleoprotein Gene Expression By Unmodified, Phosphorothioated, And Liposomally Encapsulated Oligonucleotides" <b>223</b> : 341-346, 1996.			
		Hojoh, et al., "RNA Interference RNAi Induction With Various Types Of Synthetic Oligonucleotide Duplexes In Cultured Human Cells" <i>FEBS Letters</i> <b>521</b> : 195-199, 2002.			
		Massaro, et al., "Noninvasive Delivery Of Small Inhibitory RNA And Other Reagents To Pulmonary Alveoli In Mice" <i>Am J Physiol Lung Cell Mol Physiol</i> <b>287</b> : L1066-L1070, 2004.			
		Tsapis, et al., "Trojan Particles: Large Porous Carriers Of Nanoparticless For Drug Delivery" <i>Proc. Natl. Acad. Sci.</i> <b>99(19)</b> : 12001-12005, 2002.			
		Zhang, et al., "Inhibition Of Respiratory Syncytial Virus Infection With Intranasal siRNA Nanoparticles Targeting The Viral NS1 Gene" <i>Nature Medicine</i> <b>11(1)</b> : 2005.			
		Zhang, et al., "Small Interfering RNA Targeting Heme Oxygenase-1 Enhances Ischemia-Reperfusion-Induced Lung Apoptosis" <i>The Journal of Biological Chemistry</i> <b>279(11)</b> : 10677-10684, 2004.			
EXAMINER		DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					


 10/12/05